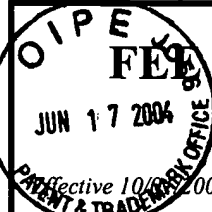
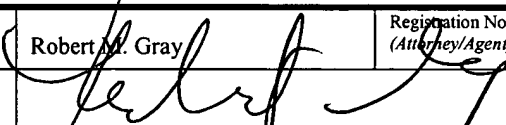


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

 <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">For FY 2004</h2> <p style="font-size: small;">Effective 10/01/2003. Patent fees are subject to annual revision.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		Complete if Known		
		Application Number	10/038,947	
		Filing Date	January 3, 2002	
		First Named Inventor	William R. Freund, Jr.	
		Examiner Name	Tung S. Lau	
		Art Unit	2863	
TOTAL AMOUNT OF PAYMENT		\$ 110.00	Attorney Docket No.	1787-12700

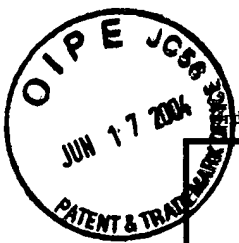
<p style="text-align: center;">METHOD OF PAYMENT (Check all that apply)</p> <p> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None </p> <p> <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 03-2769 Deposit Account Name: Conley Rose, P.C. </p> <p>The Director is authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account <input checked="" type="checkbox"/> Credit any overpayments </p> <p style="text-align: center;">FEE CALCULATION</p> <div style="border: 1px solid black; padding: 5px;"> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Code (\$)</th> <th>Fee</th> <th>Code (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>\$</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td>\$</td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td>\$</td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td>\$</td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>\$</td></tr> </tbody> </table> <p style="text-align: right;">SUBTOTAL (1) \$</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> <tr> <th>Total Claims</th> <th>*</th> <th>20**</th> <th>= * x</th> <th>18.00</th> <th>= \$</th> <th>Independent Claims</th> <th>*</th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>*</td> <td>3**</td> <td>= * x</td> <td>86.00</td> <td>= \$</td> <td>Multiple Dependent</td> <td></td> </tr> <tr> <td colspan="4"></td> <td>290.00</td> <td>= \$ 00.00</td> <td colspan="2"></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee</th> <th>Code (\$)</th> <th>Fee</th> <th>Code (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent Claims in excess of 3</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> <p style="text-align: right;">SUBTOTAL (2) \$</p> </div>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee	Code (\$)	Fee	Code (\$)	1001	770	2001	385	Utility filing fee	\$	1002	340	2002	170	Design filing fee	\$	1003	530	2003	265	Plant filing fee	\$	1004	770	2004	385	Reissue filing fee	\$	1005	160	2005	80	Provisional filing fee	\$			Extra Claims		Fee from below		Fee Paid		Total Claims	*	20**	= * x	18.00	= \$	Independent Claims	*	Independent	*	3**	= * x	86.00	= \$	Multiple Dependent						290.00	= \$ 00.00			Large Entity		Small Entity		Fee Description	Fee	Code (\$)	Fee	Code (\$)	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent Claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	<p>3. 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late filing fee or oath	\$	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$	1053	130	1053	130	Non-English specification	\$	1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	\$	18042	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$	1251	110	2251	55	Extension for reply within first month	\$110.00	1252	420	2252	210	Extension for reply within second month	\$	1253	950	2253	475	Extension for reply within third month	\$	1254	1,480	2254	740	Extension for reply within fourth month	\$	1255	2,010	2255	1,005	Extension for reply within fifth month	\$	1401	330	2401	165	Notice of Appeal	\$	1402	330	2402	165	Filing a brief in support of an appeal	\$	1403	280	2403	140	Request for oral hearing	\$	1451	1,510	1452	1,510	Petition to institute a public use proceeding	\$	1452	110	2452	55	Petition to revive - unavoidable	\$	1453	1,330	2453	665	Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Robert M. Gray	Registration No. (Attorney/Agent)	41,798
Signature		Telephone	(713) 238-8000
		Date	June 14, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/038,947
		Filing Date	January 3, 2002
		First Named Inventor	William R. Freund, Jr.
		Art Unit	2863
		Examiner Name	Tung S. Lau
Total Number of Pages in This Submission	11	Attorney Docket Number	1787-12700

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): ; and acknowledgment postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	Robert M. Gray 41,798
Signature	
Date	June 14, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
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128139.01/1787.12700

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/038,947
Applicant : William R. Freund, Jr.
Filed : January 3, 2002
For : Peak Switch Detector For Transit Time Ultrasonic Meters
TC/A.U. : 2863
Examiner : Tung S. Lau

Confirmation No. 2139

Customer No.: 23505
Atty. Dkt. No.: 1787-12700
Date: June 11, 2004

Mailstop Amendments
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION DATED MARCH 9, 2004

Sir:

In an Office Action dated March 9, 2004, the Examiner allowed claims 1-9, rejected claims 10-12, 14, 17, 19-24, and 26 and objected to claims 13, 15, 16, 18, and 25 as containing allowable subject matter. The Applicant notes with appreciation the Examiner's indication of allowable subject matter in claims 1-9, 13, 15, 16, 18 and 25.

In response, the Applicant has canceled claims 20-23 and 25, and incorporated the language of claim 25 into claim 10. In view of the Examiner's indication that previous claims 25 (now claim 10) is allowable, all the claims are believed to be in condition for allowance.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.